

September 14, 2001

MPR-12-01

Corn and Soybean Production Lower

Maryland: Based on conditions as of September 1st, corn and soybean production are expected to be down from 2000, according to the Maryland Agricultural Statistics Service. **Corn** production is forecast at 59.3 million bushels, down 5 percent from last year's production of 33.5 million bushels, but up 77 percent from 1999's production of 33.5 million bushels. Yield is projected at 138 bushels per acre, down 17 bushels from last year's estimate of 155 bushels per acre. If realized, this will be the third highest yield on record. According to the Crop Progress Report for August 27th, corn condition stands at 14 percent excellent, 53 percent good, 22 percent fair, 8 percent poor, and 3 percent very poor.

Soybean production is forecast at 19.9 million bushels, down 10 percent from last year's production of 22.1 million bushels, but up 29 percent from 1999's production level of 15.4 million bushels. Yield is forecast at 39 bushels per acre, down 4 bushels from 2000's final estimate of 43 bushels per acre. This year's yield will be the second highest yield on record if realized. From the August 27th Crop Progress Report, soybean condition was rated 22 percent excellent, 49 percent good, 19 percent fair, 7 percent poor, and 3 percent very poor.

United States:

Corn production is forecast at 9.24 billion bushels, down less than one percent from last month and 7 percent from 2000. Based on conditions as of September 1, yields are expected to average 133.5 bushels per acre, down 0.4 bushel from August. If realized, this would be the lowest yield and production since 1997. Forecast yields are down in the northwest Corn Belt due to early-August hot, dry weather during critical reproductive and grain-filling stages. Yield prospects improved in Indiana, Nebraska, and Ohio due to timely rainfall and more seasonal temperatures in the latter part of August. In Michigan and the Northeast, extremely dry weather during the entire month greatly diminished yield prospects. Timely and plentiful rainfall in the mid-Atlantic and Southeastern States provided ideal growing conditions for corn fields and farmers are harvesting better than expected yields. Yield prospects in the southern Great Plains are mixed as yield expectations increased where rain fell, but declined where it didn't rain.

Soybean production is forecast at a record high 2.83 billion bushels, down 1 percent from August 1, but 2 percent above 2000. Based on September 1 conditions, yields are expected to average 38.2 bushels per acre, down 0.5 bushel from last month but 0.1 bushel above 2000. Forecast yields are down in Michigan, the northern and central Great Plains, and the Northeast due to moisture shortages. Yield prospects improved in the Ohio Valley, lower Mississippi Valley, and Texas due to above normal rainfall. Acreage for harvest is estimated at a record 74.1 million acres, unchanged from last month but up 2 percent from 2000.

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**Acreage, Yield, and Production
2000 and 2001**

Commodity	Unit	Planted		Harvested		Average Yield		Production	
		2000	2001	2000	2001	2000	2001	2000	2001
Maryland		1,000 Acres						1,000	
Corn ¹	ACR	480	510	----	----	----	----	----	----
Corn Grain	BU	----	----	405	430	155	138	62,775	59,340
Corn Silage	TON	----	----	70	²	20	²	1,400	²
Soybeans	BU	520	520	515	510	43	39	22,145	19,890
Sorghum ¹	BU	10	9	----	----	----	----	----	----
Sorghum Grain	BU	----	----	9	8	84	²	756	²
Sorghum Silage	TON	----	----	1	²	15	²	15	²
Winter Wheat	BU	220	190	200	180	63	62	12,600	11,160
Barley	BU	55	55	50	50	82	72	4,100	3,600
All Hay	TON	----	----	235	215	3.03	²	711	²
Alfalfa Hay	TON	----	----	65	60	4.4	²	286	²
Other Hay	TON	----	----	170	155	2.5	²	425	²
Tobacco	LBS	----	----	5.7	1.7	1,450	1,400	8,265	2,380
Potatoes, Summer	CWT	4.8	4.8	4.7	4.7	260	260	1,222	1,222
United States								1,000,000	
Corn ¹	ACR	79,545	76,009	----	----	----	----	----	----
Corn Grain	BU	----	----	72,732	69,191	137.1	133.5	9,968	9,238
Corn Silage	TON	----	----	5,868	²	17	²	99	²
Soybeans	BU	74,496	75,216	72,718	74,137	38.1	38.2	2,770	2,834
Sorghum ¹	BU	9,195	10,047	----	----	----	----	----	----
Sorghum Grain	BU	----	----	7,723	8,777	60.9	61.2	470	537
Sorghum Silage	TON	----	----	265	²	10.8	²	3	²
Wheat, Winter	BU	43,348	41,318	35,022	31,657	44.6	43.8	1,563	1,385
Barley	BU	5,844	5,088	5,201	4,514	61.1	57.9	318	262
All Hay	TON	----	----	59,854	63,833	2.54	2.48	152	158
Alfalfa Hay	TON	----	----	23,077	23,750	3.48	3.38	80	80
Other Hay	TON	----	----	36,777	40,083	1.95	1.95	72	78
Tobacco	LBS	----	----	472.4	451.3	2,229	2,268	1,053	1,024
Potatoes, Summer	CWT	66.1	61.4	63.2	59.2	304	296	19	18

¹ Acres planted is for all purposes.

² Published January 2002